

To jamie.m.crowe@usace.army.mil

cc rcdavis@wlf.louisiana.gov, kbalkum@wlf.louisiana.gov, jamie.phillippe@la.gov, Patti_Holland@fws.gov, Seth_Bordelon@fws.gov

bcc

Subject MVN-2008-3157-CO, Petrologistics Olefins

Jamie,

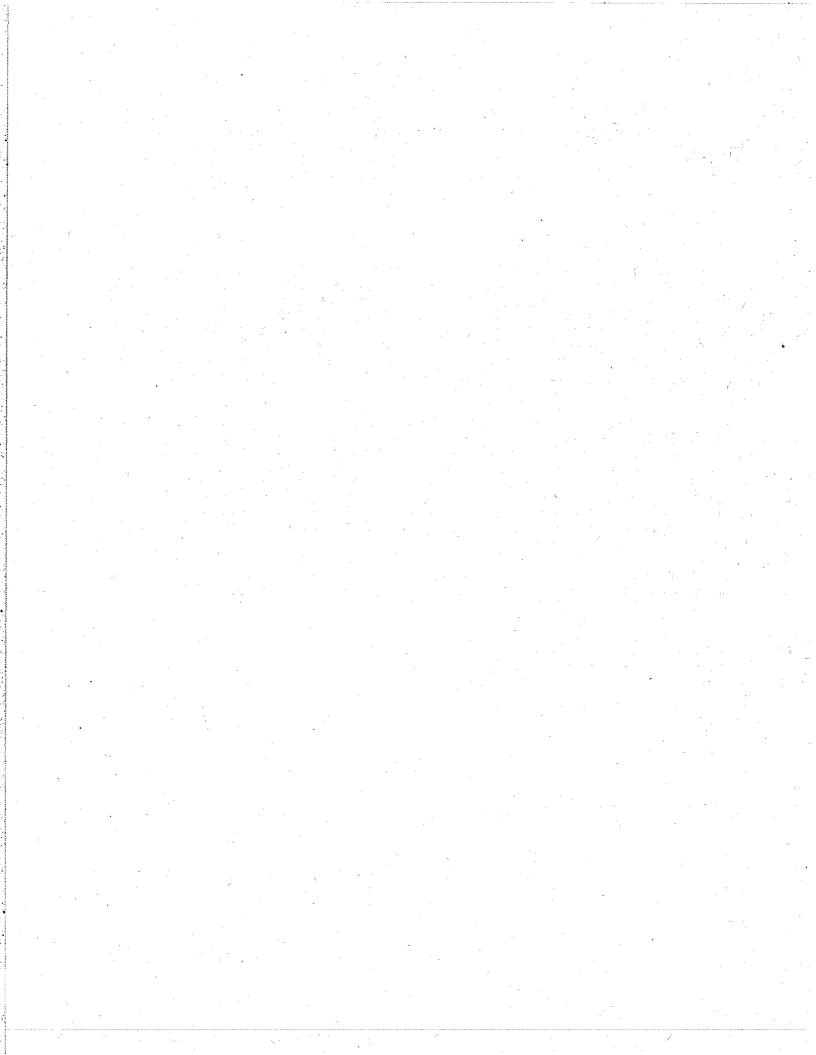
The Environmental Protection Agency (EPA) has reviewed the Joint Public Notice (JPN), dated January 26, 2008, concerning Department of the Army Permit Application Number MVN-2008-3157-CO, submitted by Petrologistics Olefins LLC. The applicant is proposing to install and maintain two 12-inch pipelines to transport brine within a 40' wide permanent right-of-way and an additional 35' wide temporary work space located near Plaquemine, Iberville Parish, Louisiana. The proposed project would permanently affect approximately 1.5 acres of jurisdictional wetlands and approximately 7.53 acres of jurisdictional wetland would be temporarily impacted. The comments that follow are being provided for use in reaching a decision relative to compliance with the EPA's 404(b)(1) Guidelines for Specification of Disposal Sites for Dredged or Fill Material (40 CFR Part 230).

The jurisdictional wetlands that would be impacted by this project would not result in a significant loss of wetlands; however, cumulatively, the amount of acreage of wetlands that would be permanently impacted would detract from the national and state mandate of achieving a "no net loss" of wetlands. They not only provide good quality habitat for indigenous and migratory avian species as well as a variety of mammals but also perform valuable water quality maintenance functions by removing excess nutrients and pollutants from the water. They also provide floodwater storage. Therefore, EPA recommends that once the applicant has satisfied the requirements of the 404(b)(1) Guidelines, compensatory mitigation, within the project watershed, should be provided for all unavoidable wetland impacts that should fully offset all lost wetland functions and values.

Thanks for the opportunity to review and comment on the JPN. If you have any questions or would like to discuss further, please don't hesitate to call.

Tamara Mick US EPA Region 6 Wetlands Section 214-665-7134 fors- mil

3-23-09 1.5 perm - 12.5 BLH & supples mult book





BOBBY JINDAL GOVERNOR

State of Louisiana

ROBERT J. BARHAM SECRETARY

DEPARTMENT OF WILDLIFE AND FISHERIES
OFFICE OF WILDLIFE

JIMMY L. ANTHONY ASSISTANT SECRETARY

January 30, 2009

Mr. Pete J. Serio, Chief Regulatory Branch United States Army Corps of Engineers P. O. Box 60267 New Orleans, LA 70160-0267

RE:

Application Number: MVN-2008-3157-CO Applicant: Petrologistics Olefins, LLC Public Notice Date: January 26, 2009

Dear Mr. Serio:

The professional staff of the Louisiana Department of Wildlife and Fisheries has reviewed the above referenced Public Notice. Based upon this review, the following has been determined:

The applicant shall provide the U.S. Army Corps of Engineers pre- and post-construction photographic documentation that clearly shows the entire permitted work area including pipeline trenches, spoil holding areas, construction right-of-way, and temporary work spaces. Following this assessment, the applicant shall provide adequate and appropriate mitigation for any permanent impacts to wetland functions.

Additionally, the applicant shall implement adequate erosion/sediment control measures to insure that no sediments or other activity related debris are allowed to enter waters of the state. Accepted measures include the proper use of vegetated buffers, silt fences or other Environmental Protection Agency construction site stormwater runoff control best management practices.

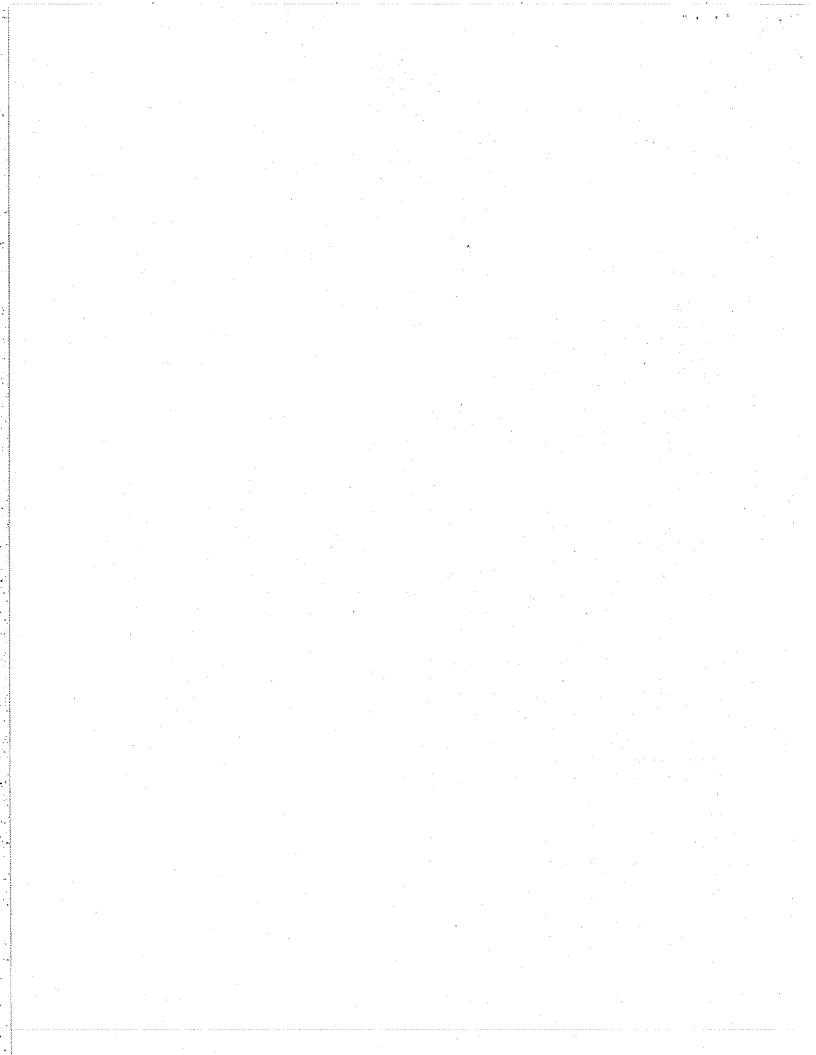
The Louisiana Department of Wildlife and Fisheries appreciates the opportunity to review and provide recommendations to you regarding this proposed activity. Please do not hesitate to contact Habitat Section biologist Matthew Weigel at 225-763-3587 should you need further assistance.

Sincerely,

Philip E. Bowman

Division Administrator

mw



JOINT PUBLIC NOTICE

United States Army Corps of Engineers New Orleans District Regulatory Branch Post Office Box 60267

New Orleans, Louisiana 70160-0267 (504) 862-2675

Projéct Manager Jamie Crowe Permit Application Number MVN 2008-3157 CO Jeb 15

State of Louisiana Department of Environmental Quality Office of Environmental Services Post Office Box 4313 Baton Rouge, Louisiana 70821-4313

(225) 219-3462 Project Manager Jamie Phillippe WQC Application Number WQC 090123-02

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [X] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality, Office of Environmental Services, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

<u>DIRECTIONALLY DRILL BRINE PIPELINE CROSSING MISSISSIPPI RIVER</u> MILE 197.8 IN IBERVILLE PARISH

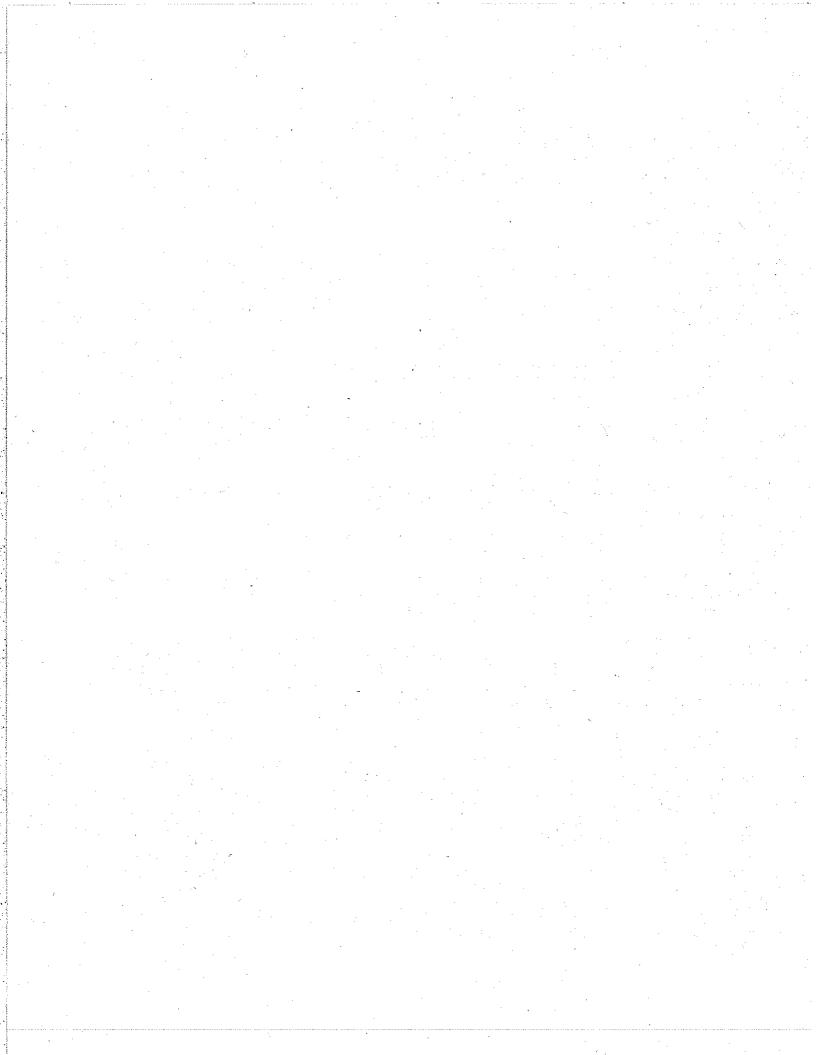
<u>NAME OF APPLICANT</u>: Petrologistics Olefins, LLC, c/o Gremminger and Associates, Inc., Attn: Larry Gremminger, 226 South Live Oak Street, Bellville, Texas 77418.

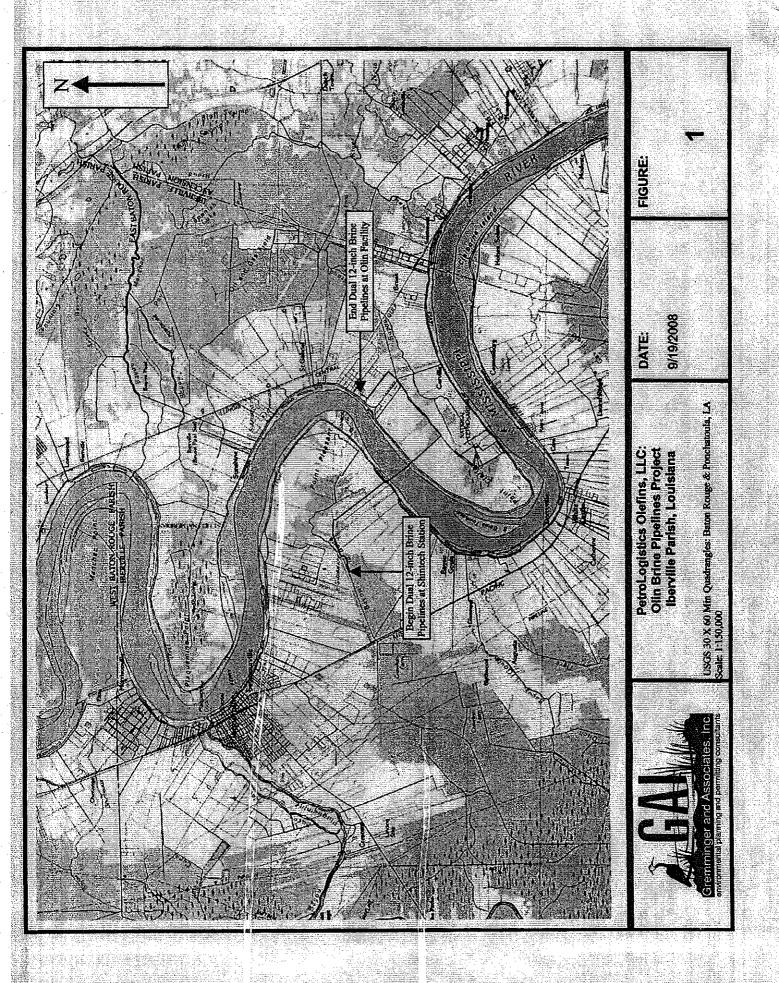
<u>LOCATION OF WORK</u>: Extending approximately 7.6 miles from a point near Plaquemine, Louisiana, under and across the Mississippi River near mile 197.8 above the Head of Passes, to a point near St. Gabriel, Louisiana, in Iberville Parish, as shown on the enclosed drawings.

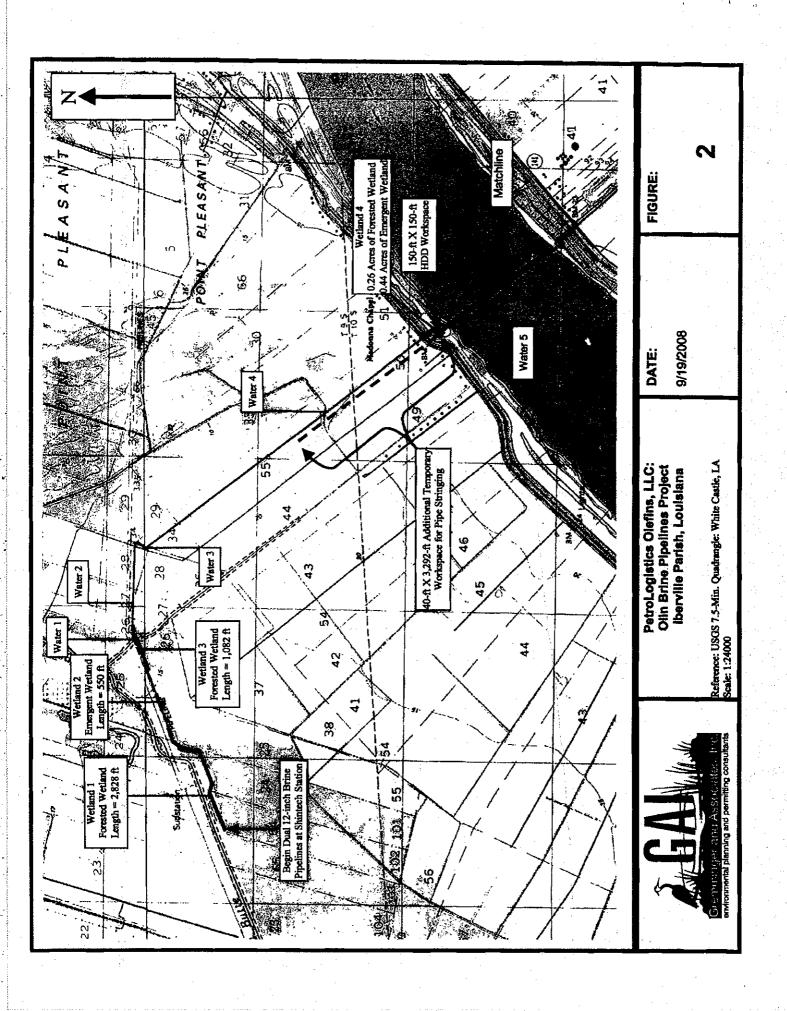
CHARACTER OF WORK: Install and maintain two 12-inch brine pipelines 7.6 miles in length to transport brine within 40-foot wide permanent right-of-way and an additional 35-foot wide temporary work space. Approximately 11,304 cubic yards of material will be excavated, stockpiled adjacent to the trench, and used as backfill over the pipeline, as shown on the drawings. Approximately 1.5 acres of wetlands subject to Corps of Engineers jurisdiction will be permanently impacted by the proposed work, and an additional 7.53 acres of wetlands will be temporarily impacted, as shown on the drawings.

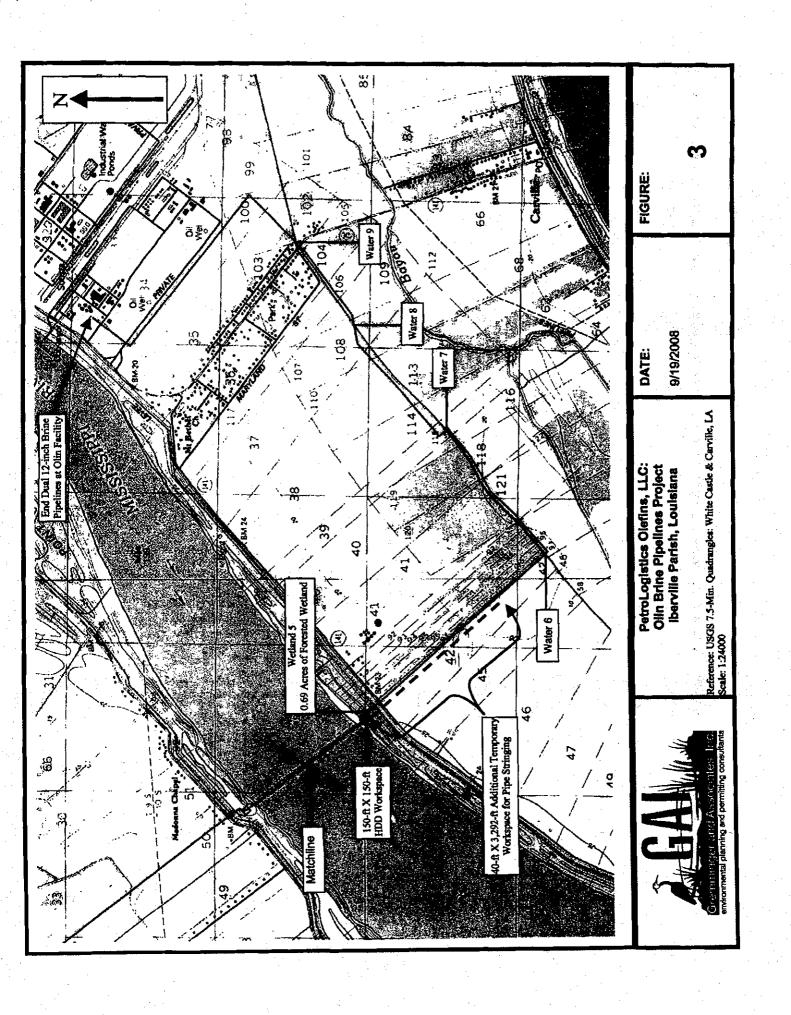
The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close 20 days from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, ATTENTION: REGULATORY BRANCH. Individuals or parties may request an extension of time in which to comment on the proposed work by writing to the project manager or clicking on the project manager's name on the public notice grid on the web page. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days.

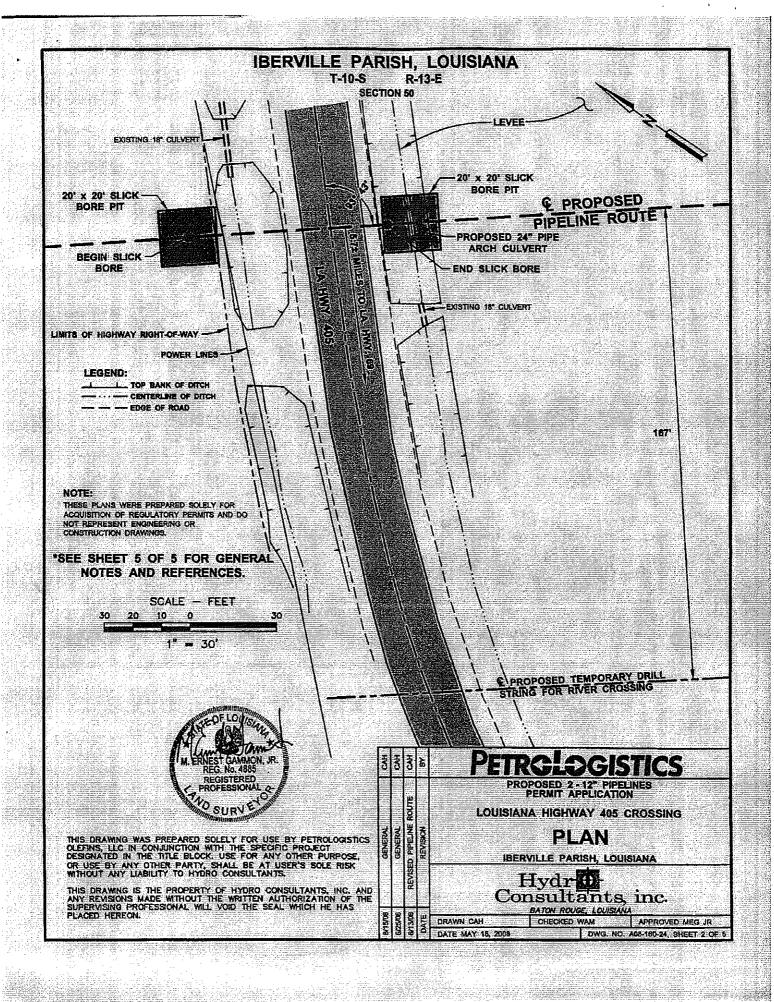
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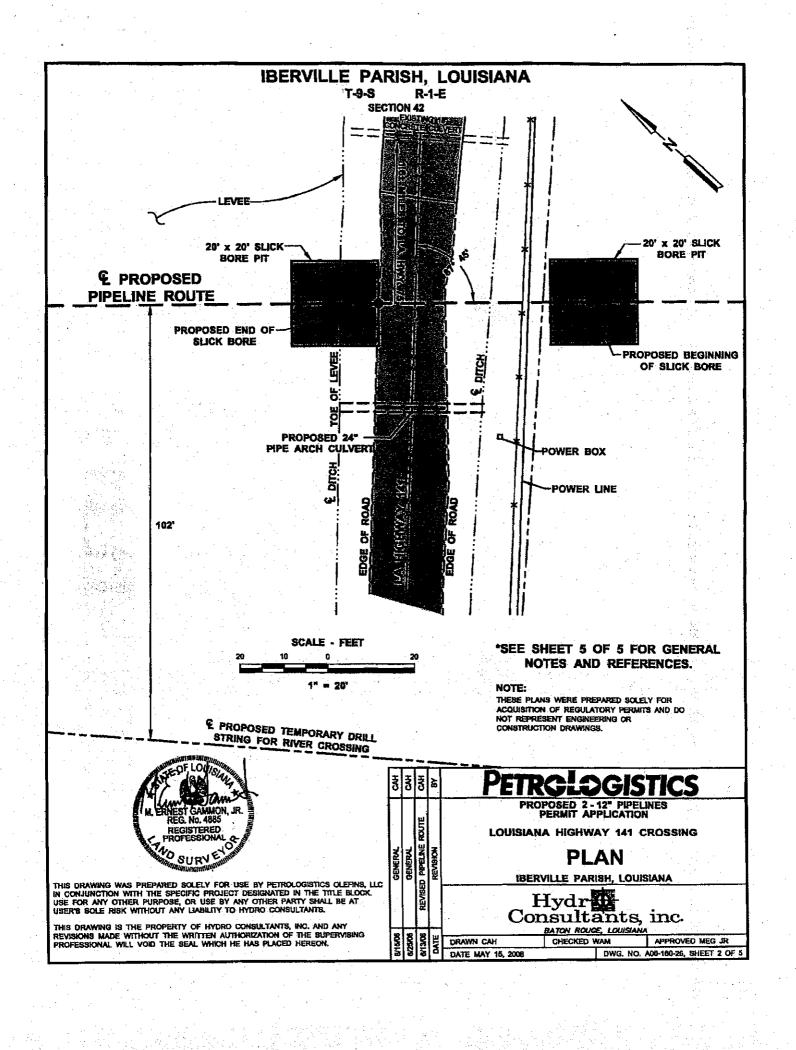


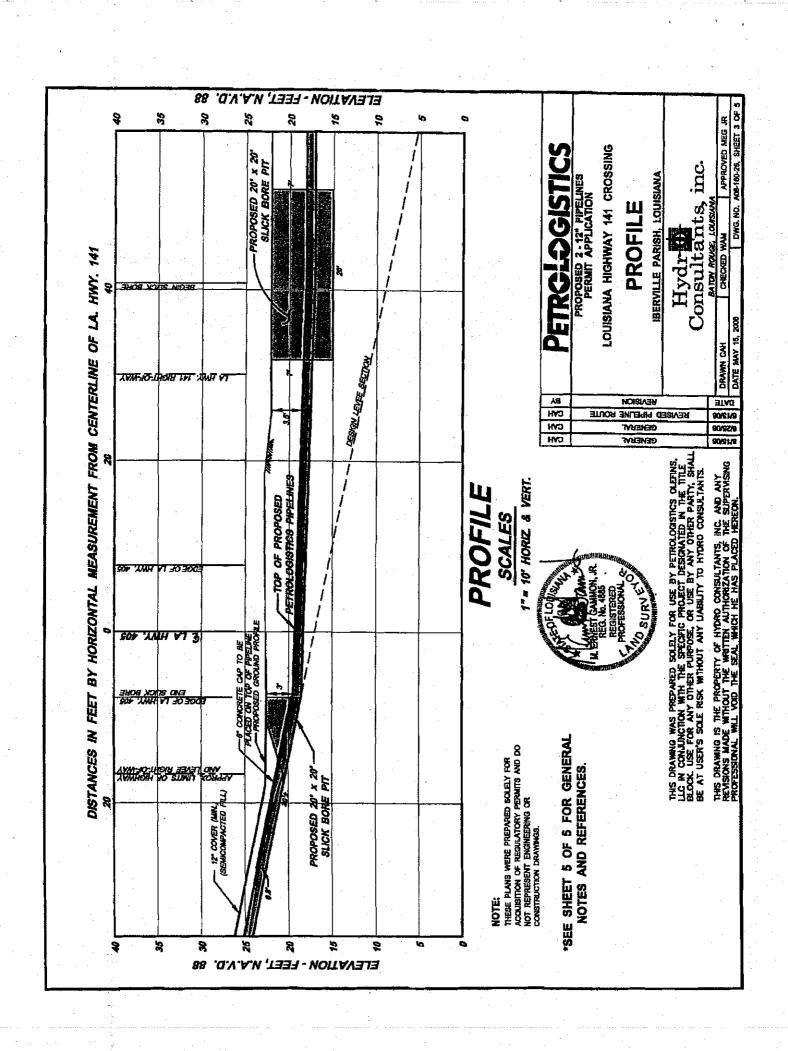












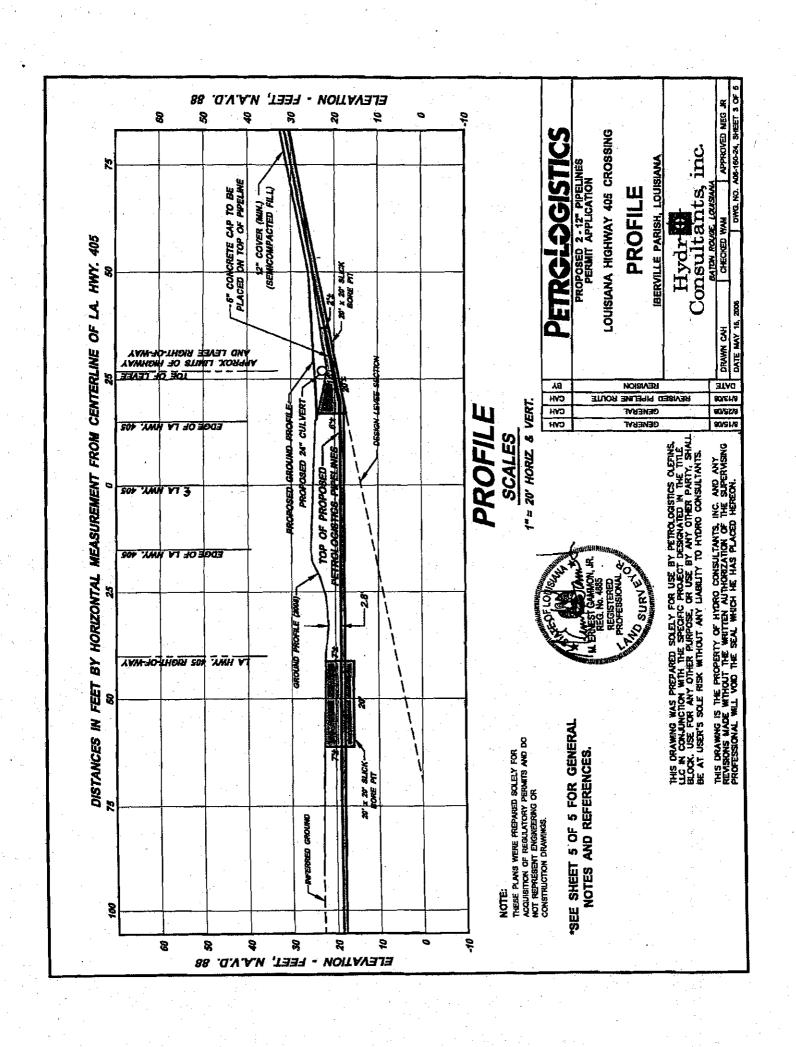


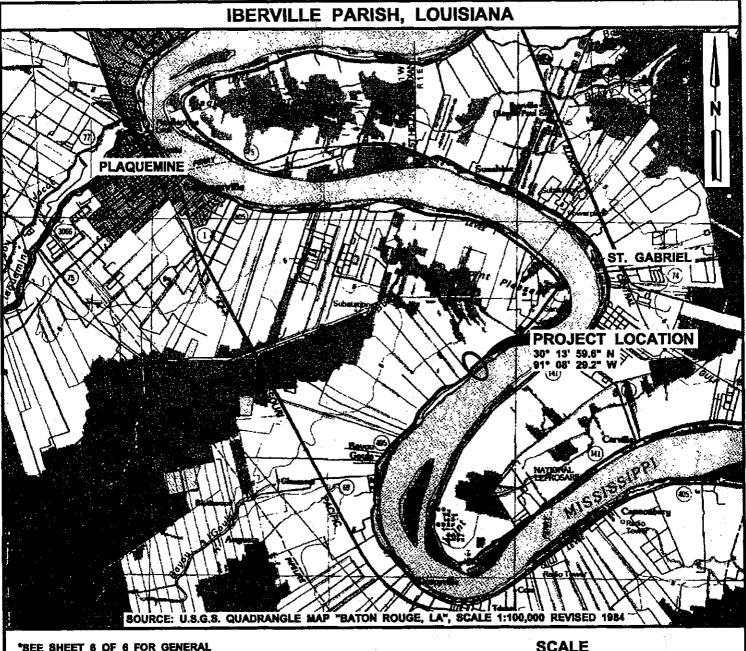
TABLE 1: WETLAND AND WATERBODIES PETROLOGISTICS OLEFINS, LLC OLIN BRINE PIPELINES PROJECT IBERVILLE PARISH, LOUISIANA

Wetland / Water	Classification	Latitude	Longitude	Length (feet)	Temporary Habitat Conversion Impacts (acres)	Permanent Habitat Conversion Impacts (acres)
Wetland 1	Forest	030° 14' 43.8"	091° 10' 33.4"	2828	3.90	0.97
Wetland 2	Forest	030° 14' 56.4"	091° 10' 05.2"	550	0.76	0.19
Wetland 3	Forest	030° 14' 59.8"	091" 09' 53.3"	1082	1.49	0.37
Water 1	Canal to Bayou la Butte	030° 15′ 02.4″	091° 09' 45.7"	35	NA	NA
Water 2	Ditch	030° 15' 02.9"	091° 09' 36.0"	10	NA	NA
Water 3	Ditch	030° 14' 59.8"	091° 09' 22.5"	5	NA	NA NA
Water 4	Ditch	030° 14′ 22.1″	091° 08' 49.5"	5	NA	NA ·
Wetland 4 ⁽¹⁾	Forest Emergent	030° 13' 58.0"	091° 08' 27.9"	280	0.26 0.43	NA NA
Water 5	Mississippi River	030° 13' 54.7"	091° 08' 27.0"	2875	Drill	Drill
Wetland 5 ⁽²⁾	Forest Emergent	030° 13' 58.0"	091° 08' 27.9"	680	0.69 NA	NA NA
Water 6	Canal to Bayou Braud	030° 12' 51.9"	091° 07' 24.3"	10	Drill	Drill
Water 7	Canal to Bayou Braud	030* 13' 12.8"	091° 06' 53.1"	10	Drill	Drill
Water 8	Canal to Bayou Braud	030° 13′ 31.9″	091° 06' 27.1"	10	Drill	Drill
Water 9	Canal to Bayou Braud	030° 13' 32.3"	091° 08' 07.5"	10	Drill	Drill
					7.53	1.54

NOTES:

⁽¹⁾ Impacts to wetlands will be limited to the 150-ft X 150-ft drill workspace and 100 feet of ROW connecting the drill workspace and the workspace associated with the bore of Highway 405

⁽²⁾ Impacts to wetlands will be limited to the 150-ft X 150-ft drill workspace and a 180-ft X 40-ft portion of the temporary workspace proposed for pipe stringing.



*SEE SHEET 6 OF 6 FOR GENERAL NOTES AND REFERENCES.

NOTE:

THESE PLANS WERE PREPARED SOLELY FOR ACQUISITION OF REGULATORY PERMITS AND DO NOT REPRESENT ENGINEERING OR CONSTRUCTION DRAWINGS.



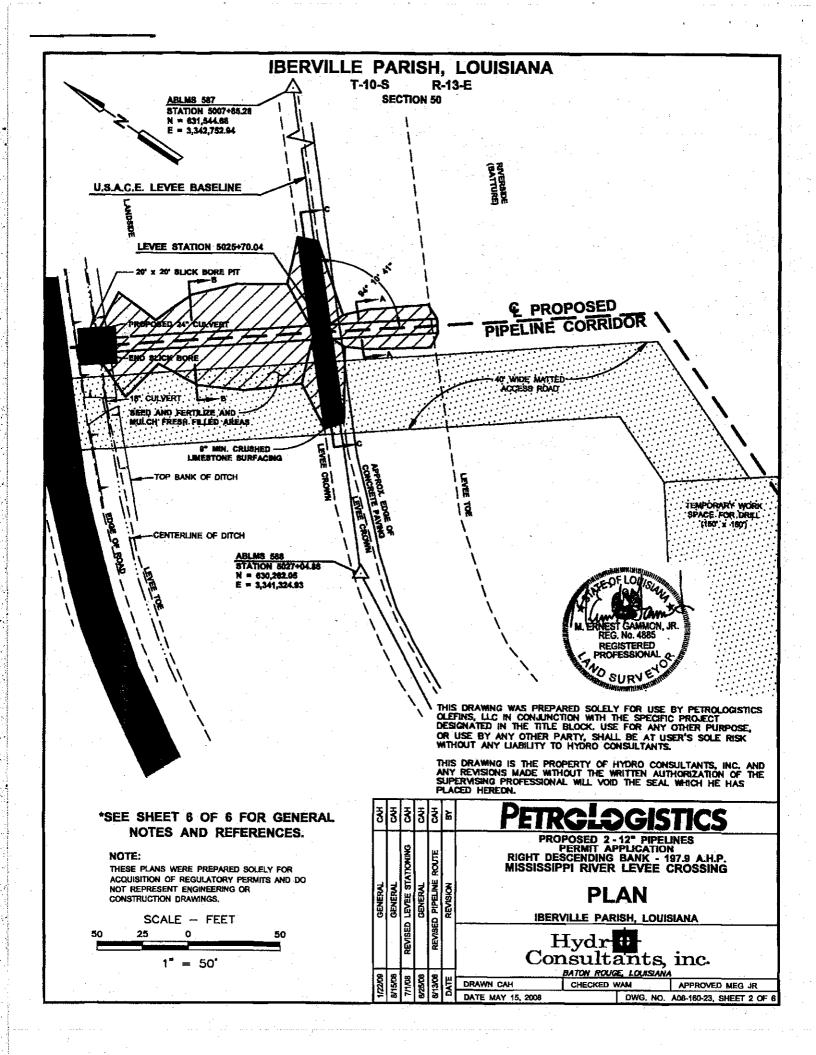
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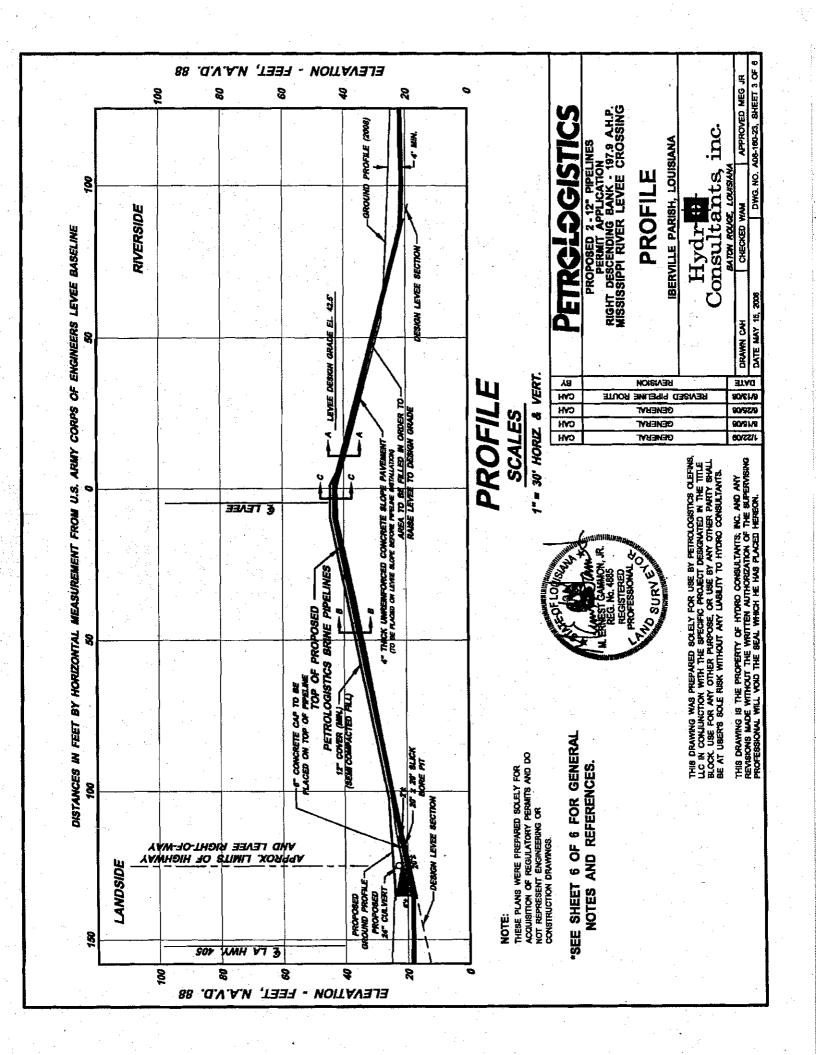
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NOTE: CONCRETE SLOPE PAVING SHALL CONFORM TO CORPS OF ENGINEERS STANDARD DETAILS, AS SHOWN ON CORPS DRAWING FILE NO. H-8-29027, SHEET 4 OF 7, DATED NOVEMBER, 2003.

CONCRETE SLOPE PAYEMENT TIE INTO EXISTING NEW 4" THICK CONCRETE SLOPE PAVEMENT 12" PIPELINE ä 12" PIPELINE CONCRETE SLOPE PAVEMENT TIE INTO EXISTING ġ

SECTION A-A NOT TO SCALE

-EXISTING CONCRETE SLOPE PAVEMENT TO BE REMOVED

NOTE

. The organic content must not exceed 9% as determined by ASTM D2974,

The PI of the new fill must be greater than 10, as determined by ASTM

embankment placed and compected in 12-inch modimum lifts. The new fill being placed on the leves must meet the following chileria:

Existing stope parvement shall be removed to the nearest expansion joint. Existing stope shall be distind to a depth of at least 6 inches, and new

SLOPE PAVING NOTE:

The material must either be a Ct. or CH, us desammed by ASTM D2487 with less than 35% sand retained on the No. 206 sieve by ASTM D1140.

ACQUISITION OF REGULATORY PERMITS AND DO NOT REPRESENT ENGINEERING OR CONSTRUCTION DRAWINGS. THESE PLANS WERE PREPARED SOLELY FOR



*SEE SHEET 6 OF 8 FOR GENERAL NOTES AND REFERENCES. THIS DRAWING WAS PREPARED SOLELY FOR USE BY PETROLOGISTICS OLETINS, LLC IN CONJUNCTION WITH THE SPECIFIC PROLECT SOSCIONATION IN THE BILD.

OR USE BY ANY OTHER PARTY, SHALL BE AT USER'S SOLE RISK WITHOUT ANY LIABILITY TO HYDRO CONSULTANTS.

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PROPOSED 2-12" PIPELINES
PERMIT APPLICATION
RIGHT DESCENDING BANK - 187.9 A.H.P.
MISSISSIPPI RIVER LEVEE CROSSING

SECTION DETAILS

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BERVILLE PARISH, LOUISIANA

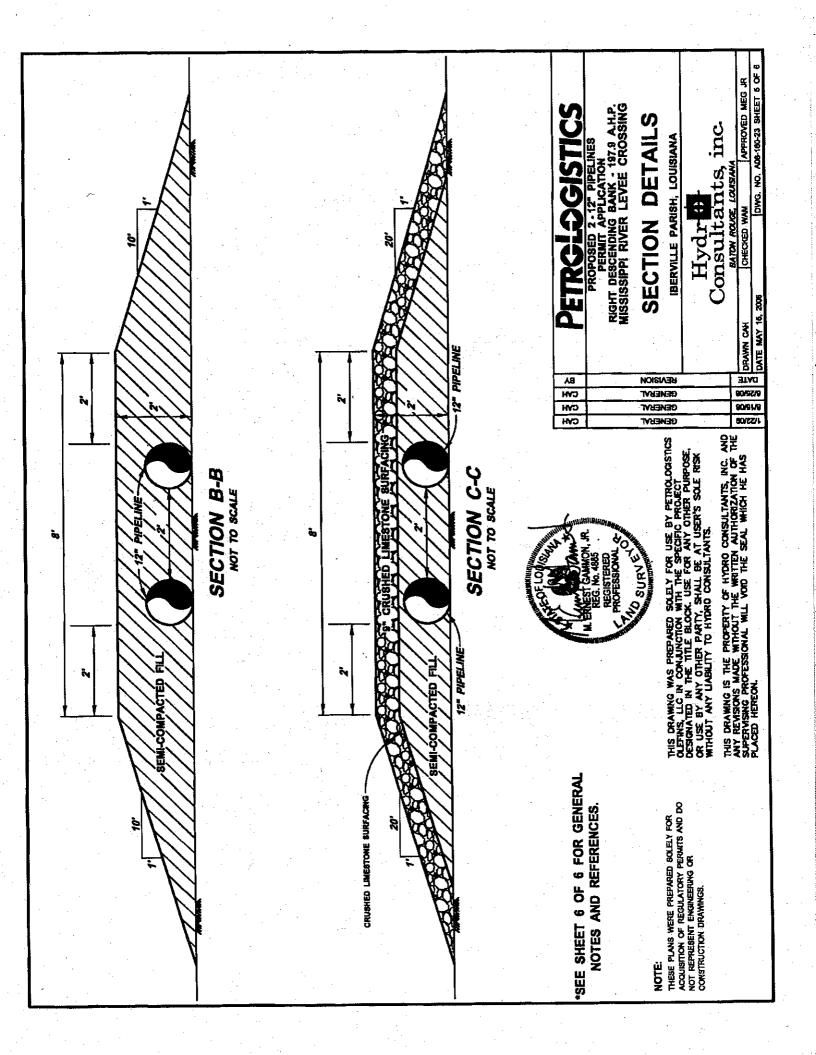
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DWG. NO. A08-180-23 SHEET 4 OF 8 APPROVED MEG JR DATE MAY 15, 2008

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IBERVILLE PARISH, LOUISIANA

PIPE SPECIFICATIONS					
Contents to be handled	Brine				
Number of lines	2				
Pipe Meterial	Stoel				
Specification & Grade of Pipe	API 5L-X80				
Outside Diameter (in.)	12.750"				
Wall Thickness (in.)	0.500				
Yield Strength (PSI)	80,000				
Maximum allowable operating pressure (PSIG)	1440				
Type of Joint (welded, mechanical joint, etc.)	Welded (ERW)				
Costing Material	Fusion Bond Epoxy				
Cathodic Protection	Impressed Current				

** PIPE SPECIFICATION DATA PROVIDED BY PETROLOGISTICS OLEFINS, LLC.

NOTES:

NORTH ARROW AND COORDINATES BASED ON THE LOUISIANA STATE PLANE COORDINATE SYSTEM SOUTH ZONE (NAD 83), BASED ON GLOBAL POSITIONING SYSTEM (GPS) TIES.

ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD 88) BASED ON GLOBAL POSITIONING SYSTEM (GPS) TIES, SET T.B.M. - 1/2" IRON PIPE ON TOP OF LEVEE ON RIGHT BANK OF THE MISSISSIPPI RIVER (T.B.M. ELEVATION 42.20 FT.).

THE PROPOSED PIPELINE LOCATION AND DIMENSIONS SHOWN ARE APPROXIMATE, BASED ON DATA PROVIDED BY PETROLOGISTICS.

DISTANCES ARE IN FEET BY HORIZONTAL MEASUREMENT.

SECTION, TOWNSHIP AND RANGE INFORMATION TAKEN FROM REFERENCED UNITED STATES GEOLOGICAL SURVEY (U.S.G.S.) QUADRANGLE MAP.

DATES OF SURVEY: JULY & AUGUST, 2008

REFERENCES:

HYDRO FIELD BOOK NOS. 1335 & 1337.

U.S.G.S. QUADRANGLE "WHITE CASTLE, LA" (REVISED 1992) SCALE: 1:24,000.

NOTE;

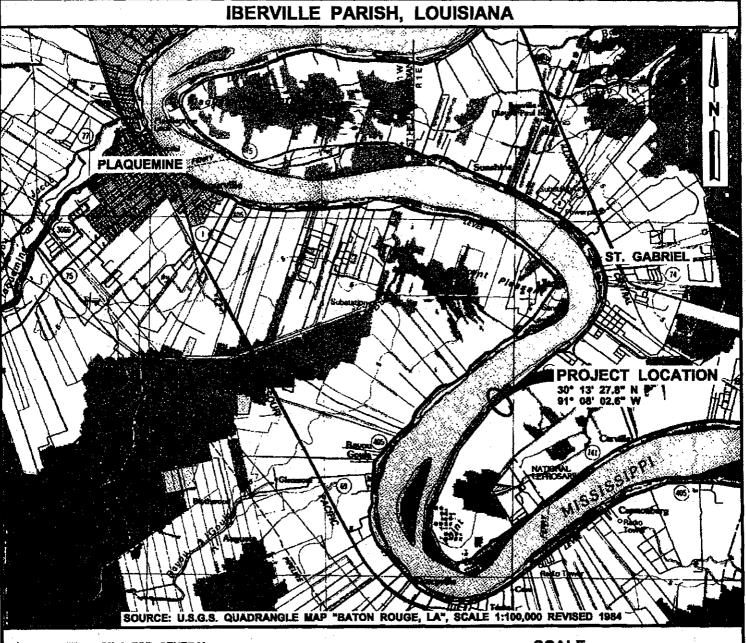
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*SEE SHEET 8 OF 8 FOR GENERAL NOTES AND REFERENCES.

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